

ABSTRACT

Automatic load-balancing provides a decision-making process that includes intelligent automatic detection of when a given load-balancing activation currently would not be beneficial, thereby keeping the user's network from being unnecessarily disturbed when no real benefit would be gained; a process to undo a prior load-balancing that can be activated when users have accidentally selected a feature which could substantially change their network configurations; and an extensive intelligent port-distribution algorithm that improves the network load by moving the right ports to new segments.

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